

Summary Bio

Peter Campbell
Principal Engineer



Nationality
New Zealand

Language
English



Key Qualifications

Chartered Professional Engineer, (NZ)
Category A Recognised Engineer, (NZ)
International Professional Engineers Register
Diploma of Business Studies, Massey University, NZ, 1991
Bachelor of Engineering (Civil), University of Christchurch, 1969

Professional Affiliations

Member of Institution of Professional Engineers New Zealand
Member of NZ Society of Large Dams

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SPECIALISATION

Dam Safety
Dam Surveillance
Monitoring Systems
Hydraulic Structures Engineering

SUMMARY BIO

Peter Campbell is a Civil Engineer and Principal Engineer (Surveillance) at Damwatch Services Ltd and is based in Wellington. The firm specialises in dam safety and dam engineering and works with a wide range of clients in New Zealand and the Pacific. Damwatch undertakes the surveillance of over 50 dams in New Zealand, Fiji and the Philippines and conducts dam safety reviews for a wide variety of dams. Damwatch also advises on dam safety management, dam safety deficiencies, remediation and associated dam engineering issues.

Peter has been involved with all types of dams for over thirty years. His breadth of experience ranges from investigation, design, contract documentation, construction and surveillance of a variety of hydraulic and power engineering structures. He has special expertise in the implementation of dam safety programmes, including inspections, surveillance, data management and the evaluation of surveillance data. In addition Peter has experience in the preparation of dam safety documentation such as Operations and Maintenance Manuals and Emergency Management Plans.

In 1967 Peter joined the Power Division of the Ministry of Works and Development (MWD) where he worked on the construction of a 56m high combined concrete gravity and earth dam. In 1970 he became involved in the investigations for a major power scheme of several dams and canals. From then he has spent four years involved in roading and bridging work before concentrating on the design of power station structures for the next fifteen years.

In 1991 Peter joined the Electricity Corporation of NZ to manage their Dam Safety Programme. Under his direction the surveillance monitoring program was commissioned and surveillance procedures consolidated and rated World-Class standard by international reviewers.

Following the split of ECNZ in 1999, Peter was involved in the establishment of Damwatch as a recognised dam safety and dam engineering consultancy in New Zealand and Australia. He has led the Surveillance Team at Damwatch for over 5 years. Peter has been involved in consulting work in New Zealand, Australia, Fiji, the Philippines, and Indonesia. He has authored a number of technical papers on dam related topics, principally on Surveillance.